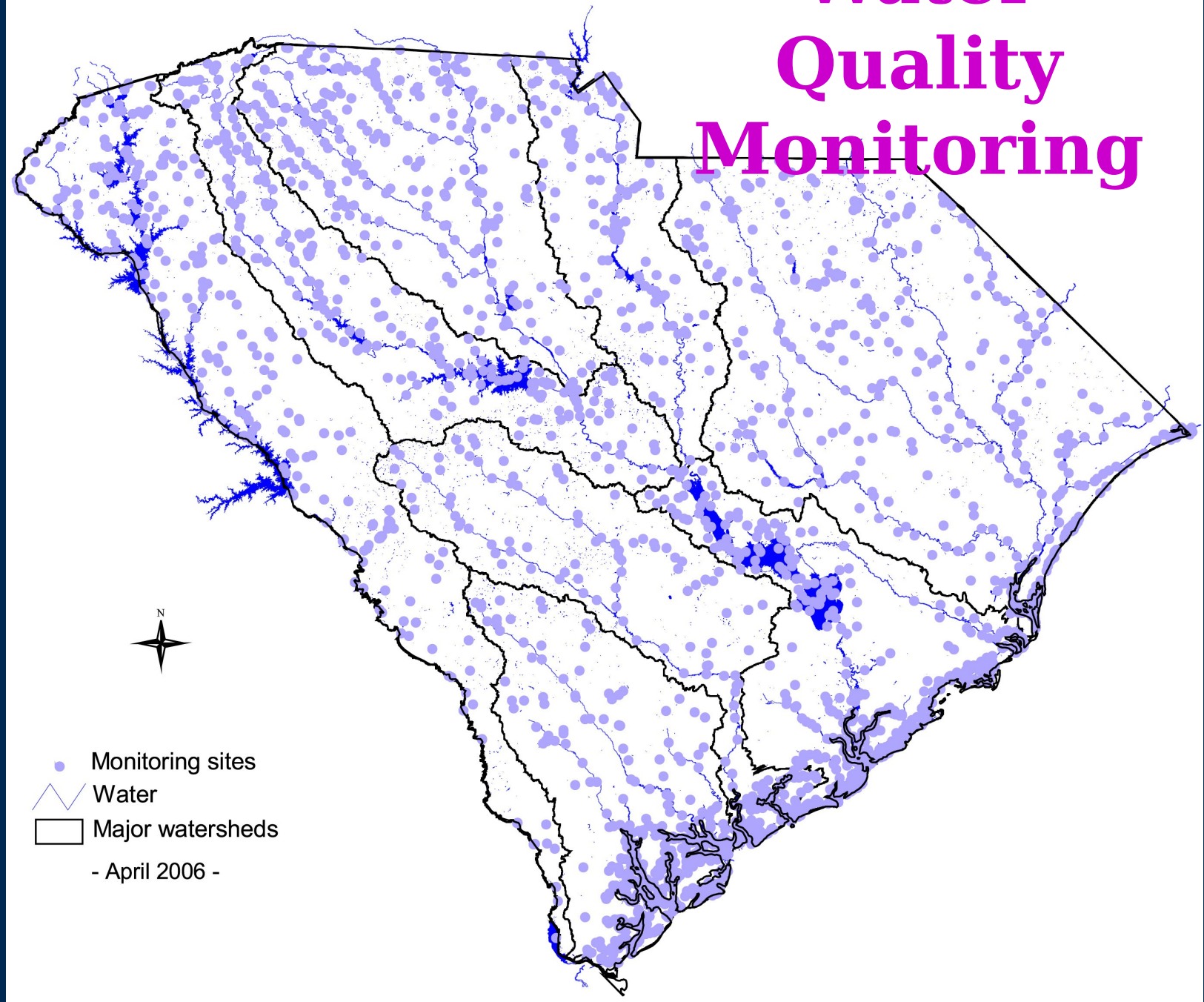
Implementing water quality improvements through § 319 funds

SC DHEC - Bureau of Water

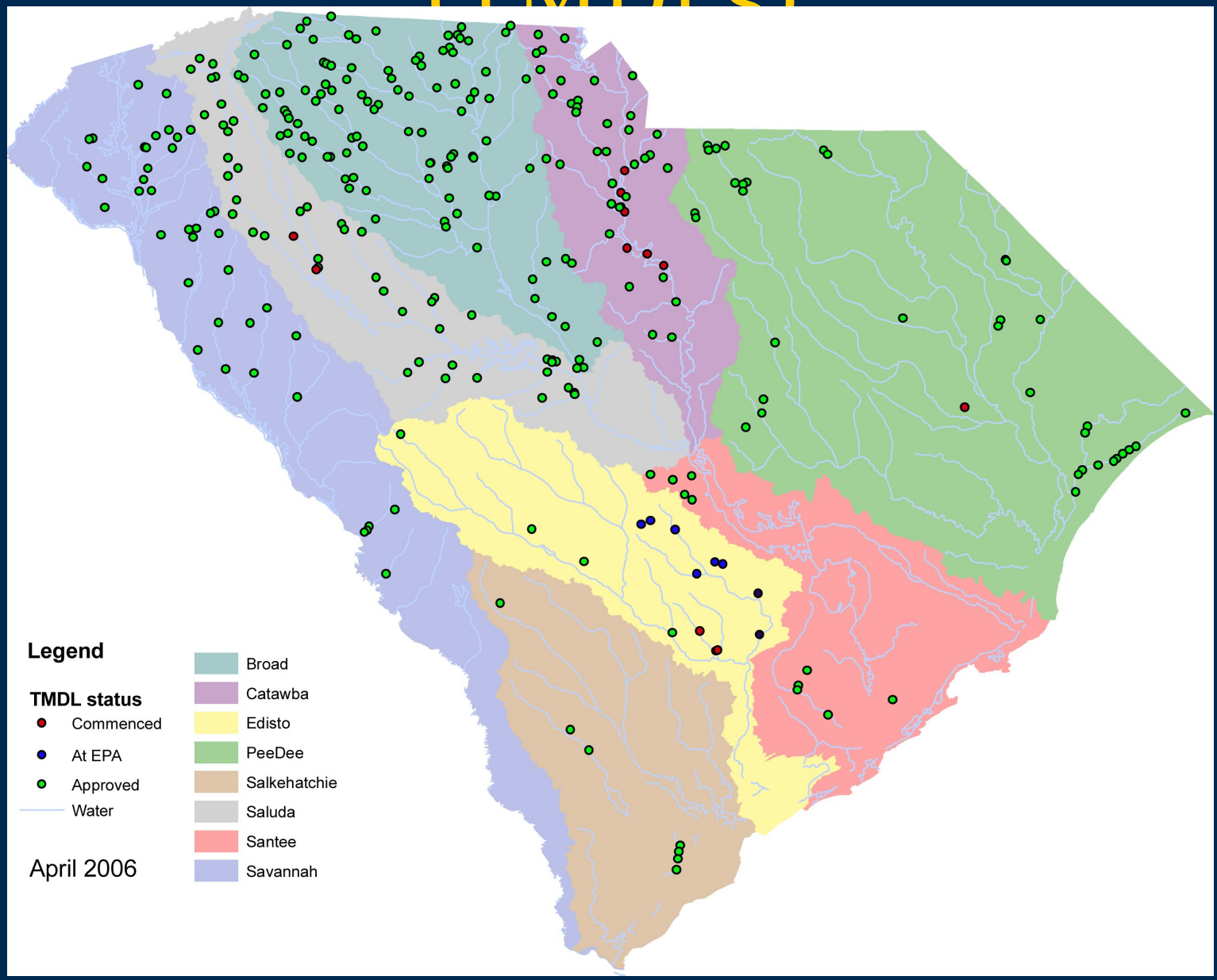
Richelle Tolton

May 31, 2006

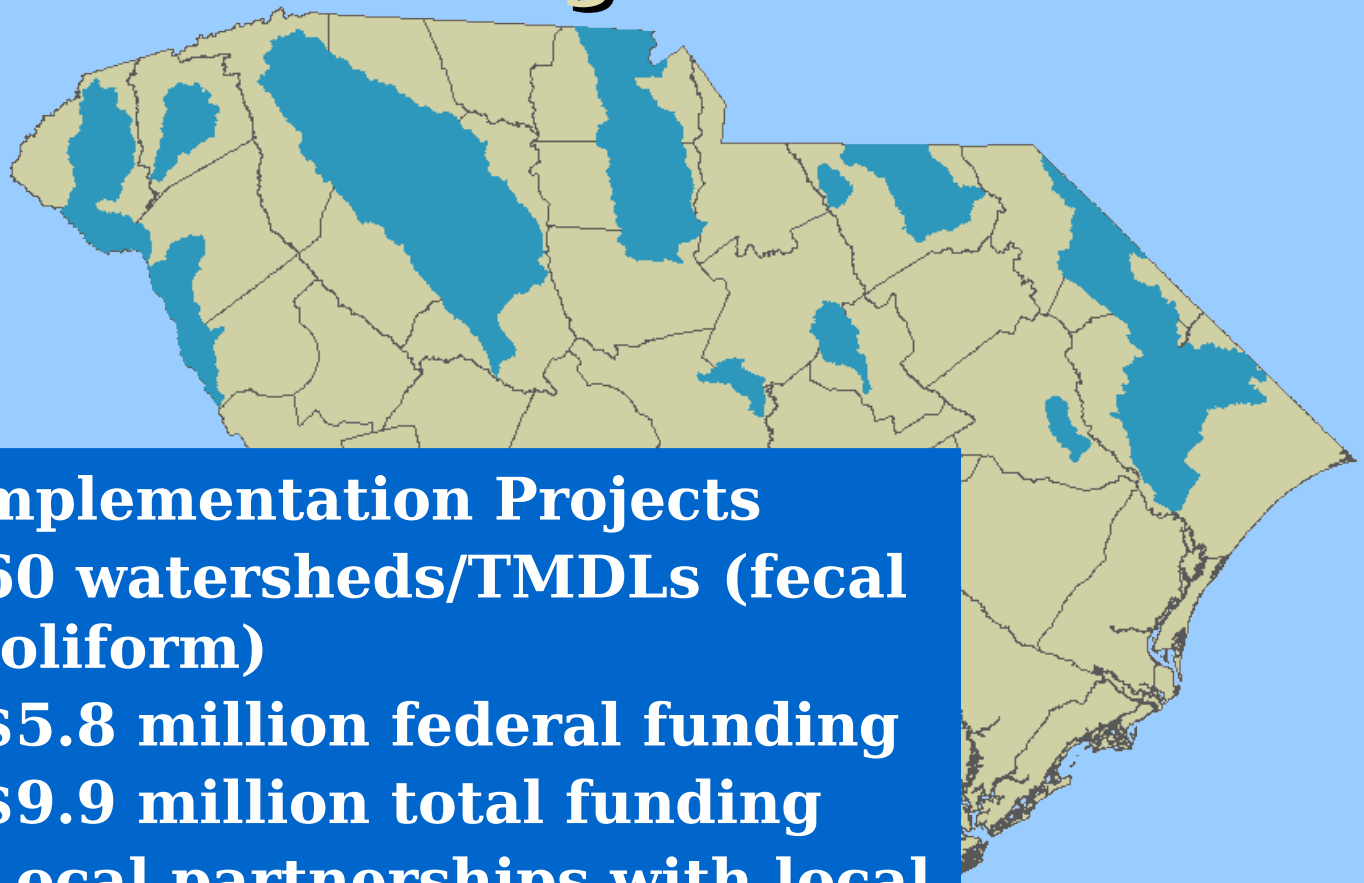
Water Quality Monitoring



Total Maximum Daily Loads (TMDLs)



TMDL Implementation Projects



18 Implementation Projects

- **60 watersheds/TMDLs (fecal coliform)**
- **$5.8 million federal funding**
- **$9.9 million total funding**
- **Local partnerships with <u>local expertise</u>**
- **Project workplans are written as <u>Watershed-Based Plans</u>**

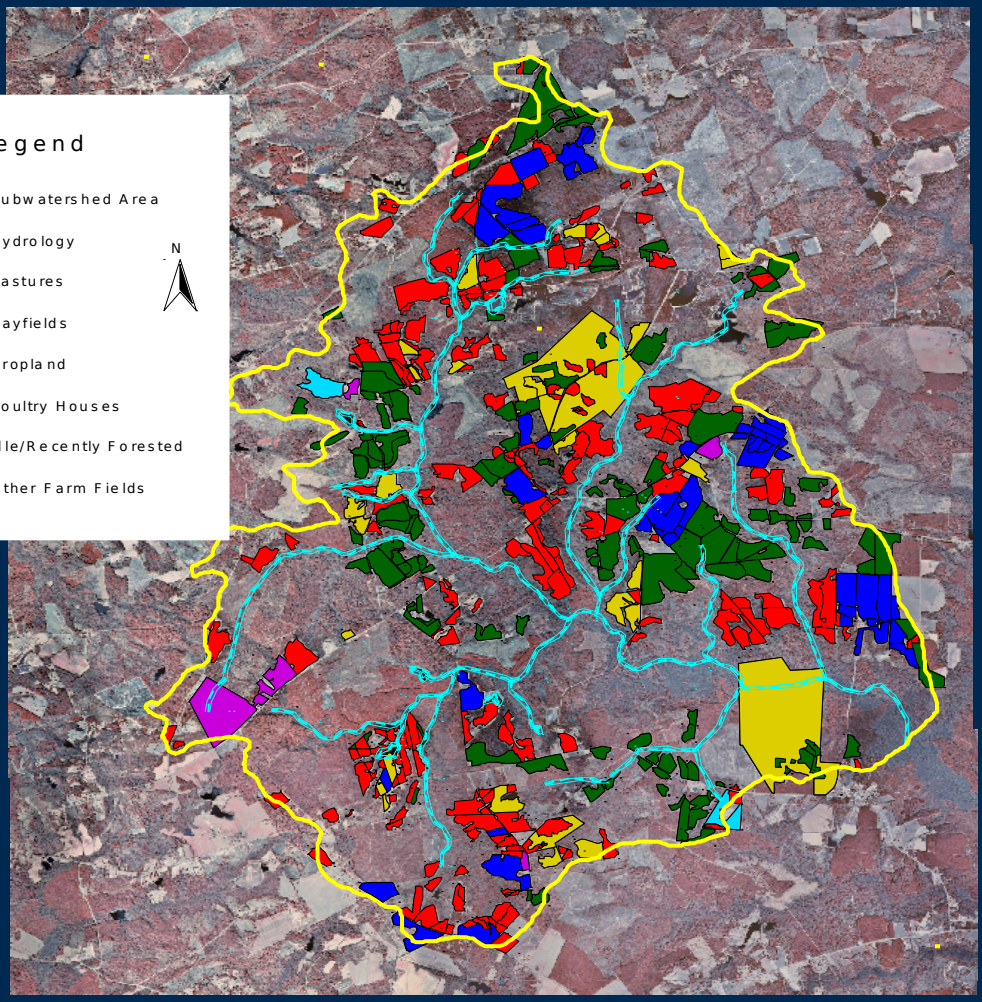
Local Knowledge

Sample Partners

- **Natural Resources Conservation Service**
- **S.C. Forestry Commission**
- **Conservation Districts**
- **Department of Natural Resources**
- **State and Private Universities**
- **Nonprofit Cooperators**
- **Clemson University Extension**
- **South Carolina Sea Grant Consortium**
- **Local Municipalities**
- **Regional Councils of Governments**

Land Use Characterization

- Used in creating TMDLs
- Identifies current land uses in each subwatershed
- Directs funds to most effective locations



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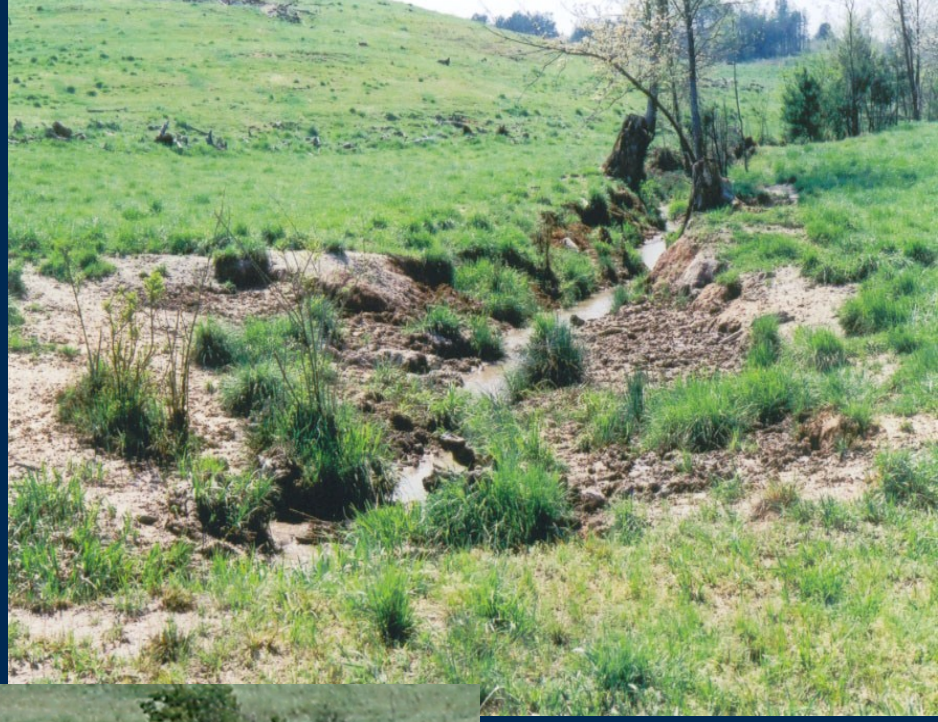

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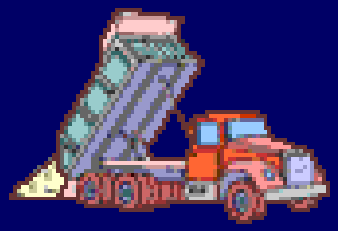
Septic Tanks

MEASURABLE Improvements

- Partial restoration (upgrading status)
- Meeting standards
- Reducing pollutants



x **750**=

Amount of sediment kept out of SC waters EACH YEAR

- Restored waterbodies
  295 since 2000

npsgrants@dhec.sc.gov
www.scdhec.gov/water